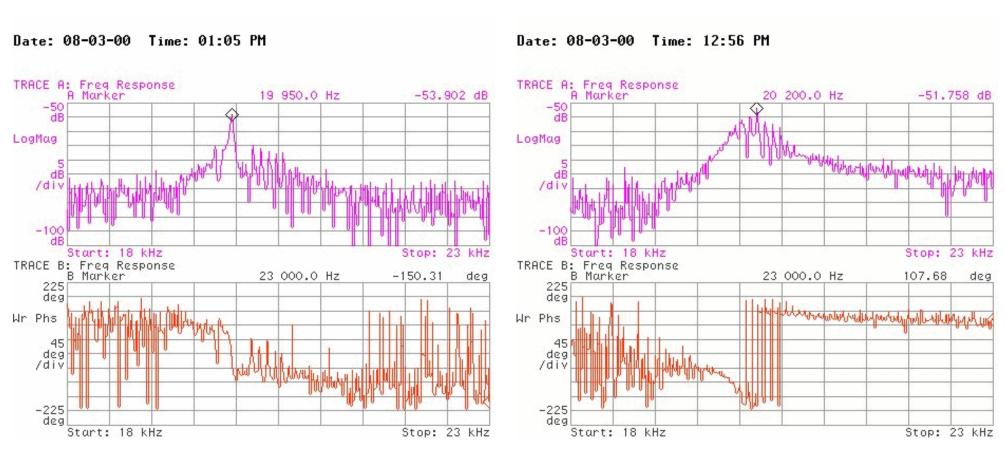
Tune Meter

C.Y. Tan 14 Jan 04

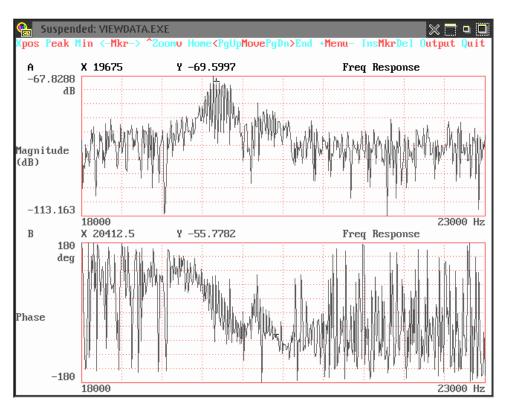
Pbar Bunch 2 at 150GeV

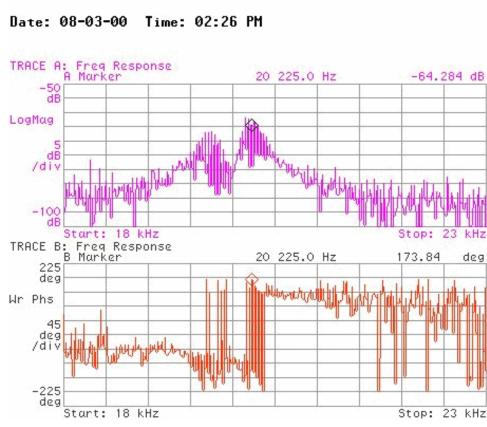
Horizontal Vertical



Pbar Bunch 1 at low beta







Tune Meter

- Advantages
 - Can measure individual bunches IF the bunch is far enough away from the protons.
- Disadvantages
 - Must tickle beam: pbar lifetime gets bad.
 - Alot of gain needed, electronic coupling is always an issue.
 - Requires expert babying.